

Title (en)
NICKEL EXTRACTION METHOD

Title (de)
NICKELEXTRAKTIONSVERFAHREN

Title (fr)
PROCÉDÉ D'EXTRACTION DE NICKEL

Publication
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Application
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Abstract (en)
In the present invention, nickel is selectively extracted from an acidic solution that contains a high concentration of manganese. This valuable metal extraction agent is represented by the general formula. In the formula, R 1 and R 2 are alkyl groups that may be the same or different, R 3 is a hydrogen atom or an alkyl group, and R 4 is a hydrogen atom or any group, other than an amino group, bonded to an α carbon atom of an amino acid. The general formula preferably has a glycine unit, a histidine unit, a lysine unit, an aspartic acid unit or a n-methylglycine unit. When extracting nickel by using this extraction agent, it is preferable to adjust the pH of the acidic solution to 2.3 to 5.5 inclusive.

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